

Applicants: Fox et al.

Serial No.: 09/997,610

Filed: November 29, 2001

For: ADIPOCYTE COMPLEMENT RELATED PROTEIN ZACRP13

A1
Conclude

WIPO Published Patent No: WO99/04000), ZCRP30R1 (Smith et al., WIPO Published Patent No. WO99/56619), ACRP30R1L (Hensley et al., WIPO Published Patent No: WO99/59618), ACRP30R2 (Hensley et al., WIPO Published Patent No: WO99/64629), PRO 353 and PRO 344 (Wood et al., WIPO Published Patent No. WO99/28462), zacrp2 (Piddington et al., WO 00/63376), zacrp3 (Piddington et al., WO 00/63377), zacrp4 (Piddington et al., WO 01/02565), zacrp5 (Piddington et al., WO 00/73444), zacrp6 (Piddington et al., WO 00/73466), zacrp11 (Piddington et al., WO 02/070704), and zacrp12 (Piddington et al., WO 02/44373).

Please replace the paragraph beginning at page 18, line 18 with the following rewritten paragraph. Per 37 C.F.R. §1.121, this paragraph is also shown in Appendix A with notations to indicate the changes made.

A2

The present invention is based in part upon the discovery of a novel DNA sequence that encodes a polypeptide having homology to the adipocyte complement related protein family. The polypeptide has been designated zacrp13. The nucleotide sequence of *zacrp13* is described in SEQ ID NO:1, and its deduced amino acid sequence is described in SEQ ID NO:2. The zacrp13 polypeptide includes a signal sequence, comprising amino acid 1 (Ile) to amino acid residue 17 (Val) of SEQ ID NO:2, nucleotides 2-51 of SEQ ID NO:1. The mature polypeptide ranges from amino acid 18 (Ala) to amino acid 459 (Met) of SEQ ID NO:2, nucleotides 52-1378 of SEQ ID NO:1. Within the mature polypeptide is found a collagen-like domain between amino acid 19 (Gly) and 45 (Ile) of SEQ ID NO:2, nucleotides 56-136 of SEQ ID NO:1. In the collagen-like domain there are 5 collagen repeats, three perfect Gly-Xaa-Pro repeats and two imperfect Gly-Xaa-Xaa repeats, and four amino acid triplets interspersed among the collagen repeats. A region from amino acid 46 (Ser) to 59 (Ser) of SEQ ID NO:2, nucleotides 137-178 of SEQ ID NO:1, connects the collagen domain with the C1q domain. The zacrp13 polypeptide also includes a carboxy-terminal C1q domain, ranging from about amino acid 60 (Ala) to 149 (Ala) of SEQ ID NO:2, nucleotides 179-448 of SEQ ID NO:1. An aromatic motif Phe-X(5)-[Asn Asp]-X(4)-[Phe Tyr Trp Leu]-X(6)-Phe-X(5)-Gly-X-Tyr-X(4) (SEQ ID NO:4) is also found within this domain between residues 78 (Phe) and 108 (Phe) of SEQ ID NO:2, nucleotides 233-325 of SEQ ID NO:1.

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